PRIOR ART

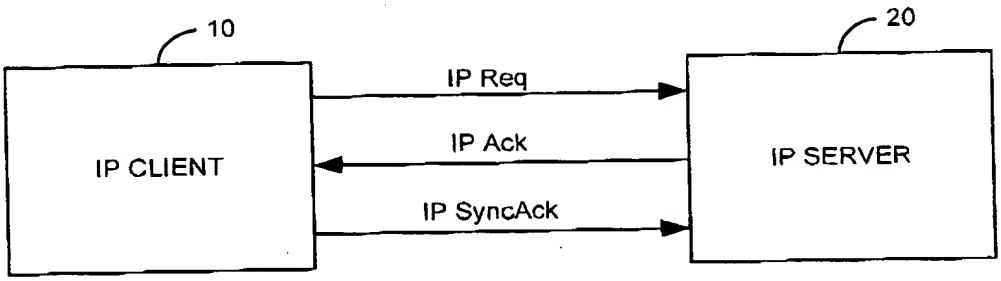

Fig 1

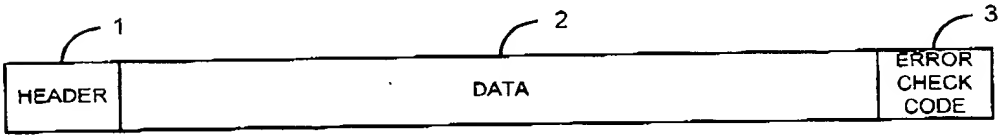

Fig 2

Document Page 36

PRIOR ART

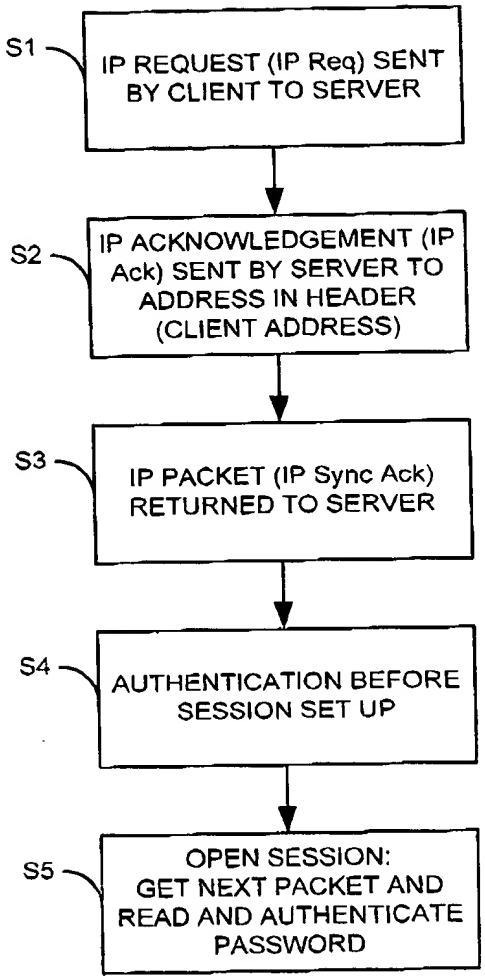

Fig 3

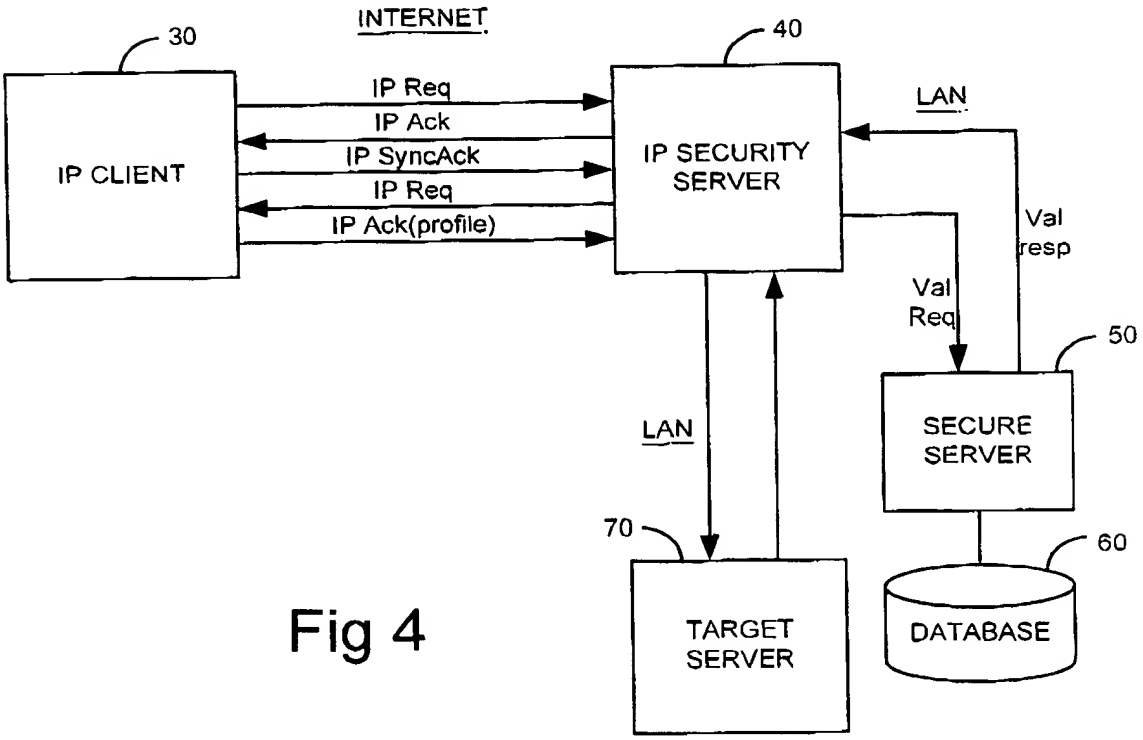

Fig 4

Replacement Sheet

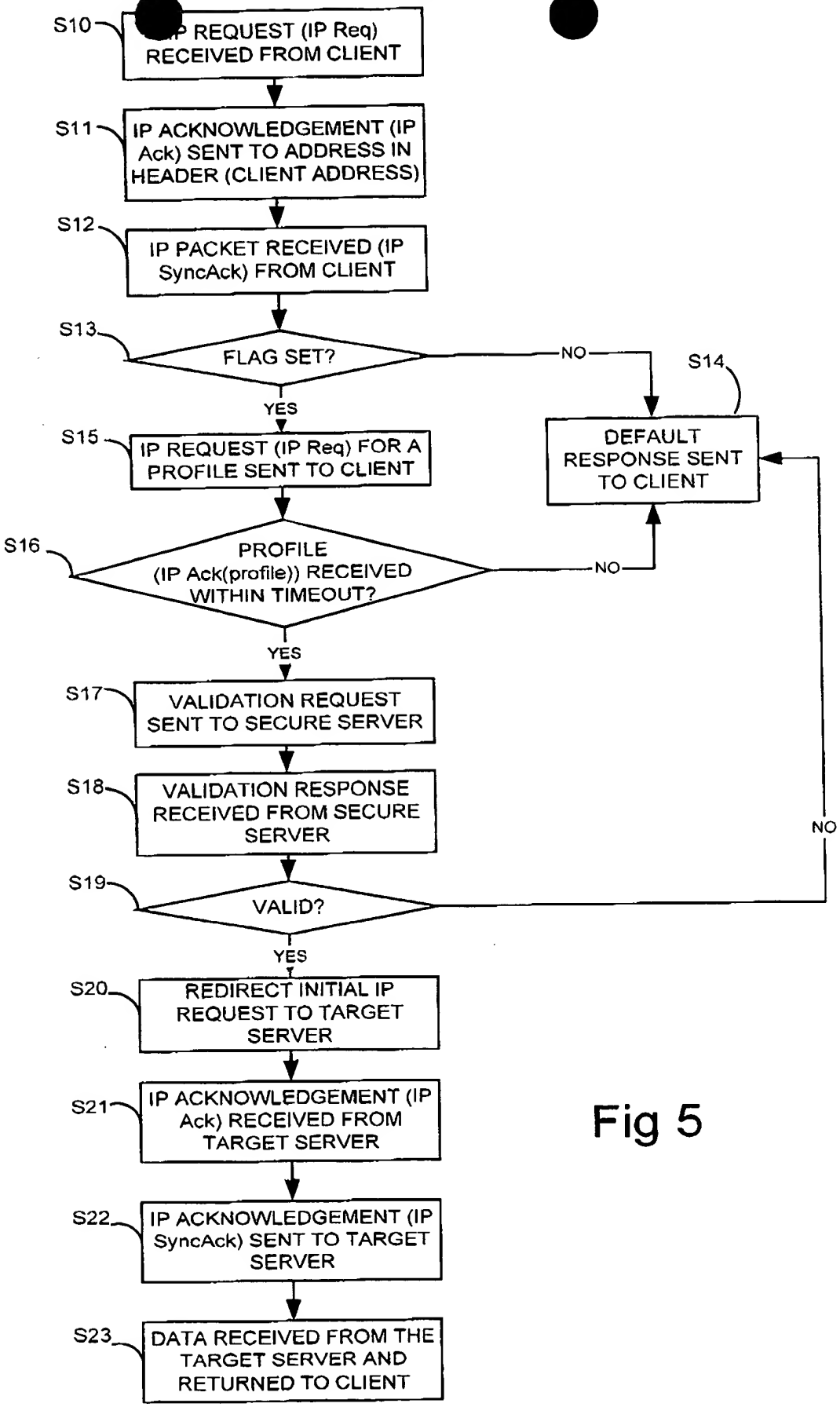
S10
IP REQUEST (IP Req) RECEIVED FROM CLIENT
S11
IP ACKNOWLEDGEMENT (IP Ack) SENT TO ADDRESS IN HEADER (CLIENT ADDRESS)
S12
IP PACKET RECEIVED (IP SyncAck) FROM CLIENT
S13
FLAG SET?
NO
S14
DEFAULT RESPONSE SENT TO CLIENT
YES
S15
IP REQUEST (IP Req) FOR A PROFILE SENT TO CLIENT
S16
PROFILE (IP Ack(profile)) RECEIVED WITHIN TIMEOUT?
NO
YES
S17
VALIDATION REQUEST SENT TO SECURE SERVER
S18
VALIDATION RESPONSE RECEIVED FROM SECURE SERVER
S19
VALID?
NO
YES
S20
REDIRECT INITIAL IP REQUEST TO TARGET SERVER
S21
IP ACKNOWLEDGEMENT (IP Ack) RECEIVED FROM TARGET SERVER
S22
IP ACKNOWLEDGEMENT (IP SyncAck) SENT TO TARGET SERVER
S23
DATA RECEIVED FROM THE TARGET SERVER AND RETURNED TO CLIENT

Fig 5

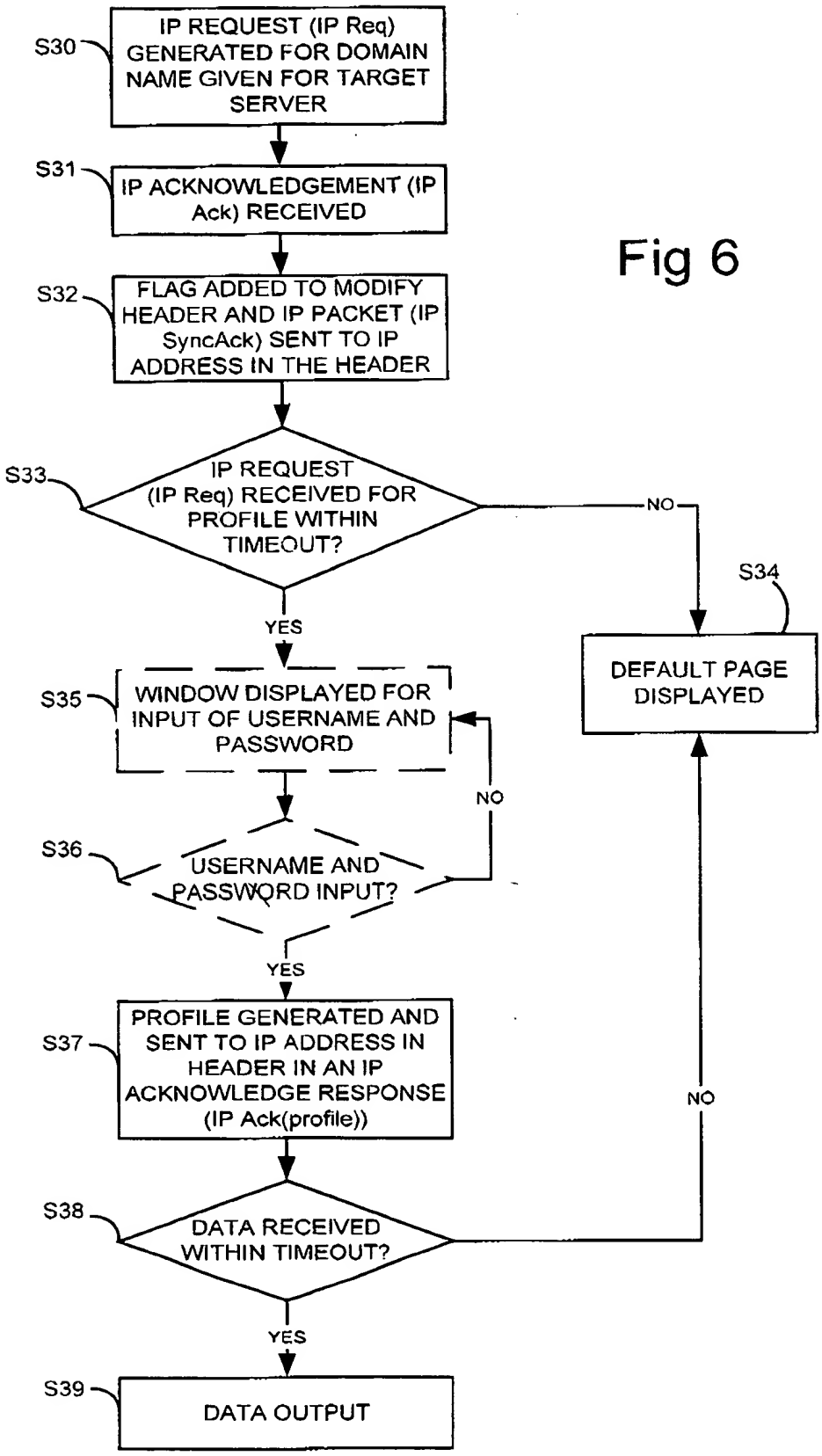
S30
IP REQUEST (IP Req) GENERATED FOR DOMAIN NAME GIVEN FOR TARGET SERVER
S31
IP ACKNOWLEDGEMENT (IP Ack) RECEIVED
S32
FLAG ADDED TO MODIFY HEADER AND IP PACKET (IP SyncAck) SENT TO IP ADDRESS IN THE HEADER
S33
IP REQUEST (IP Req) RECEIVED FOR PROFILE WITHIN TIMEOUT?
NO
YES
S34
DEFAULT PAGE DISPLAYED
S35
WINDOW DISPLAYED FOR INPUT OF USERNAME AND PASSWORD
NO
S36
USERNAME AND PASSWORD INPUT?
YES
S37
PROFILE GENERATED AND SENT TO IP ADDRESS IN HEADER IN AN IP ACKNOWLEDGE RESPONSE (IP Ack(profile))
NO
S38
DATA RECEIVED WITHIN TIMEOUT?
YES
S39
DATA OUTPUT

Fig 6

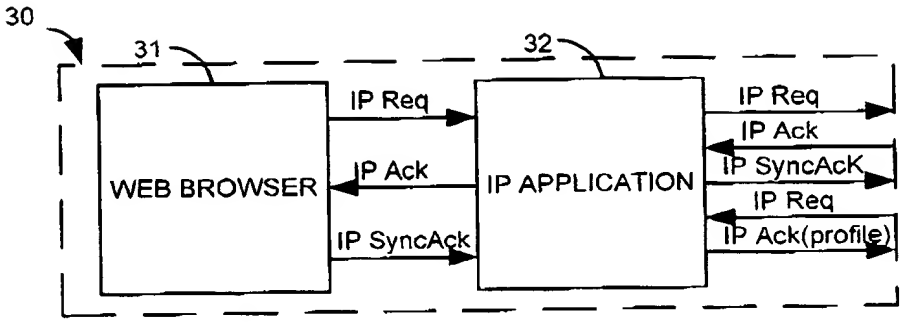
30
31
32
WEB BROWSER
IP APPLICATION
IP Req
IP Ack
IP SyncAck
IP Req
IP Ack
IP SyncAck
IP Req
IP Ack(profile)

Fig 7

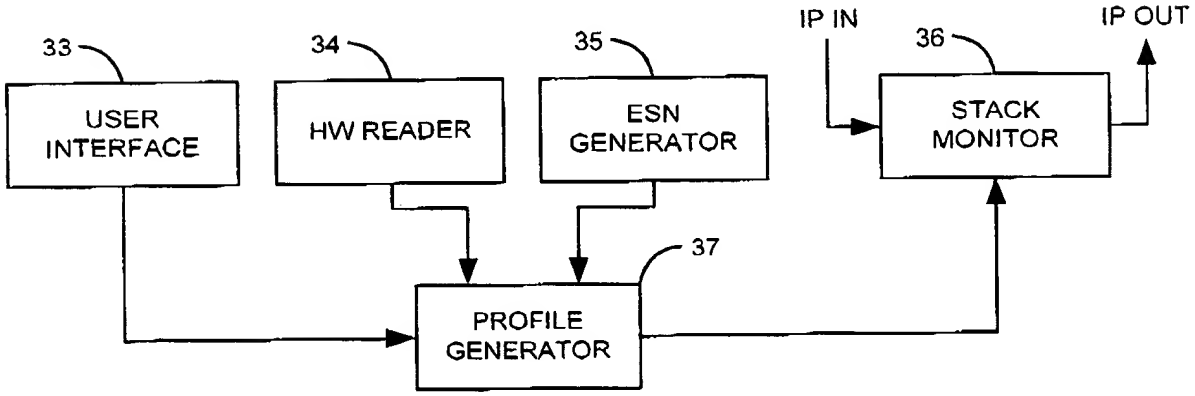
33
34
35
36
IP IN
IP OUT
USER INTERFACE
HW READER
ESN GENERATOR
STACK MONITOR
37
PROFILE GENERATOR

Fig 8

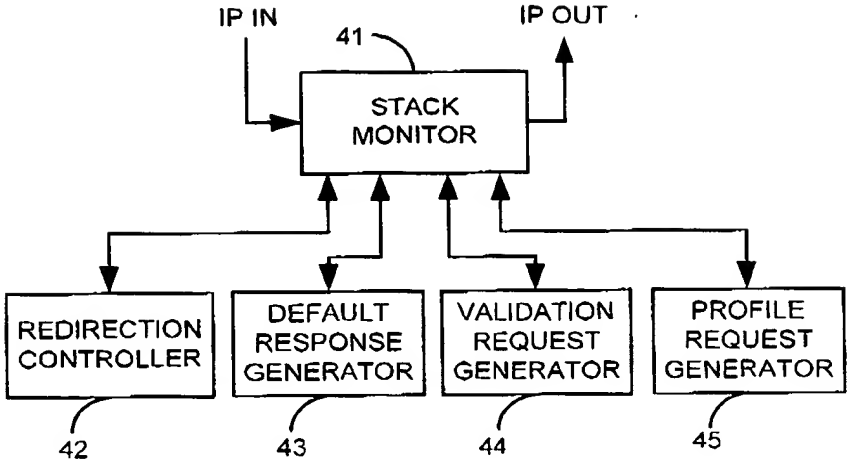

Fig 9

EP 0 954 148 A2

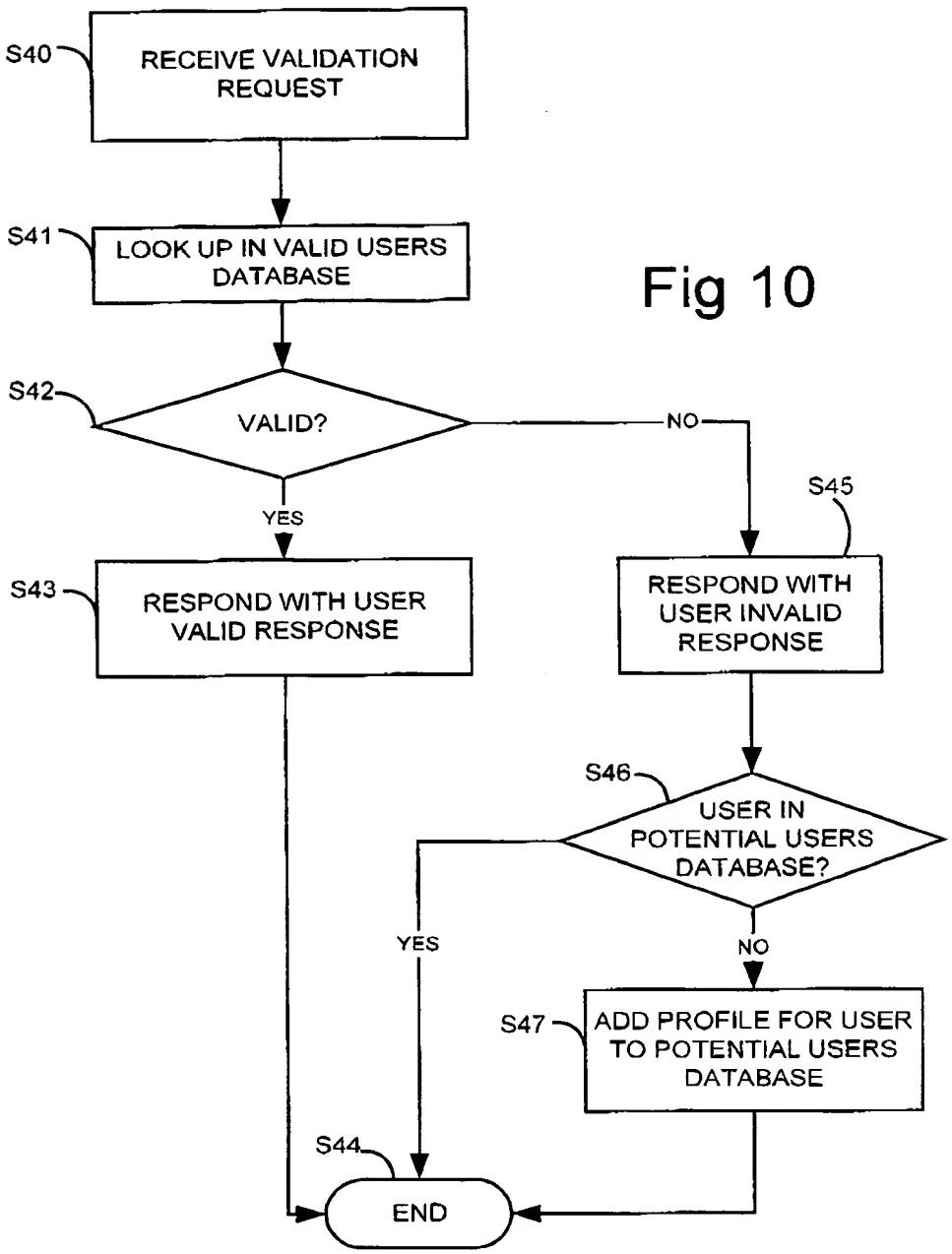

Fig 10

Replacement Sheet

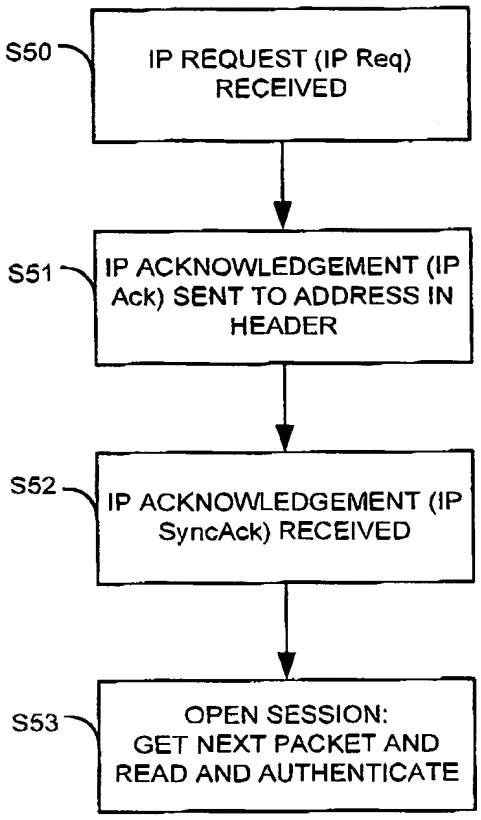
S50
IP REQUEST (IP Req) RECEIVED
S51
IP ACKNOWLEDGEMENT (IP Ack) SENT TO ADDRESS IN HEADER
S52
IP ACKNOWLEDGEMENT (IP SyncAck) RECEIVED
S53
OPEN SESSION: GET NEXT PACKET AND READ AND AUTHENTICATE

Fig 11